

TA PORTABLE RADON AIR MONITOR CHART COMPARISON

MODEL	<u>TBM-IC-RN</u>	<u>PTG-9-RN</u>
FEATURES		
RANGE	10 pCi/l – 1 μCi/l (70.37 Bq/l – 37,000 Bq/l)	2×10^{-9} μCi/l – 2×10^{-3} μCi/l (74×10^{-6} Bq/ml - 74 Bq/ml)
Lowest Detection Level	5×10^{-11} μCi/ml (2 Bq/m ³)	2 μCi/ml (74 Bq/m ³)
Time Required	1 Hour	5 Minutes
Accuracy of mid-range measurement	+/- 20% or better	+/- 10% or better
Lowest Detection Level	2×10^{-9} μCi/ml (74 Bq/m ³)	
Time Required	1 Minute	
Accuracy of mid-range measurement	+/- 10% or better	
Lowest Detection Level	10 pCi/l (0.37 Bq/l)	30 μCi/cc (1,000 Bq/m ³)
Time Required	5 Seconds	30 Seconds
Accuracy of mid-range measurement	+/- 40% or better	+/- 10% or better
TECHNOLOGY		
Sensor	Flow Through Ion Chamber	Flow Through Ion Chamber
Volume	300 (ml) milliliters	2,000 (ml) milliliters
Background Chamber	No	Yes
Portable	Yes	Yes
Fixed Use	No	OK
Power	Battery Only	Battery or AC
Display	6 Digit LCD	6 Digit LCD
Alarm	No	Yes
Data Output	No	Serial RS-232
Pump	Optional	Built In
Draws Air From	Room Air (Optional 'Sniffer' Hose)	Glove-box, Smoke-Stack. Room Air